	Application No.	Applicant(s)
Notice of Allowability	10/824,173	VASUDEVAN, SUNDAR
	Examiner	Art Unit
	Callie E. Shosho	1714
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate commu IGHTS. This application is s	this application. If not included nication will be mailed in due course. THIS
1. X This communication is responsive to <u>amendment filed 7/6/07</u> .		
2. The allowed claim(s) is/are 1,6,10,14-18,22,24,27-30 and 32-43.		
3.		
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. ☐ Notice of Int 6. ☐ Interview Su Paper No./ 7. ☐ Examiner's	formal Patent Application ummary (PTO-413), Mail Date Amendment/Comment Statement of Reasons for Allowance

Statement of Reasons for Allowance

1. The present claims are allowable over the "closest" prior art Nakamura et al. (U.S. 7,074,843), WO 02/26892, and Nishiguchi (U.S. 2004/0212667) for the following reasons:

Nakamura et al. disclose ink jet ink comprising liquid vehicle possessing pH of 7.5-8.5, microencapsulated pigment, i.e. pigment encapsulated with polymer, wherein the polymer is obtained from hydrophilic monomer such as methacrylic acid and vinyl sulfonic acid and hydrophobic monomer such as styrene. There is also disclosed system for printing an image comprising substrate and ink jet printer as well as method of printing an image comprising ink jetting the ink onto the substrate.

WO 02/26892 discloses inkjet ink comprising liquid vehicle and polymer enrobed pigment, i.e. pigment encapsulated with polymer, wherein the polymer is obtained from 20-90% hydrophobic monomer such as styrene and 5-80% hydrophilic monomer such as vinyl sulfonic acid as well as methacrylic acid. There is also disclosed system for printing an image comprising substrate and ink jet printer as well as method of printing an image comprising ink jetting the ink onto the substrate.

Nishiguchi discloses first ink jet ink comprising liquid medium possessing pH of 7-10 and pigment encapsulated by graft polymer wherein the graft polymer is obtained from 10-50% hydrophilic monomer such as vinyl sulfonic acid and methacrylic acid and 40-90% hydrophobic monomers such as styrene. There is also disclosed system for printing an image comprising substrate and ink jet printer for printing onto the substrate comprising the first ink jet ink and second ink jet fluid, i.e. reactive liquid, as well as method of printing an image comprising ink jetting the ink and the fluid onto substrate

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However, there is no disclosure or suggestion in Nakamura et al., WO 02/26892, or Nishiguchi et al. of pigment encapsulated with a polymer wherein the polymer includes styrene-trifluoroacrylic acid acid-vinyl sulfonic acid copolymer, styrene- α -(trifluoromethyl)acrylic acid-vinyl sulfonic acid copolymer, or styrene-trifluoroacrylic acid copolymer as required in each of present claims 1, 18, and 30. Further, there is no disclosure or suggestion in Nakamura et al., WO 02/26892, or Nishiguchi et al. of pigment encapsulated with a polymer said polymer being a polymerization product of at least a first monomer having hydrophilic group selected from the group consisting of α -fluorocarboxylic acids, β -fluorocarboxylic acids, and combination thereof and a second monomer having a hydrophobic group as required in present claim 37.

Thus, it is clear that in Nakamura et al., WO 02/26892, and Nishiguchi et al., either alone or in combination, do not disclose or suggest the present invention.

Further, applicant's amendment filed 7/6/07 overcomes the claim objections and 35 USC 112, second paragraph rejections of record.

In light of the above, it is clear that the rejections of record are untenable and so, the present claims are passed to issue.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Callie E. Shosho whose telephone number is 571-272-1123. The examiner can normally be reached on Monday-Friday (6:30-4:00) Alternate Fridays Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasu Jagannathan can be reached on 571-272-1119. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Callie E. Shosho Primary Examiner Art Unit 1714

CS 9/15/07